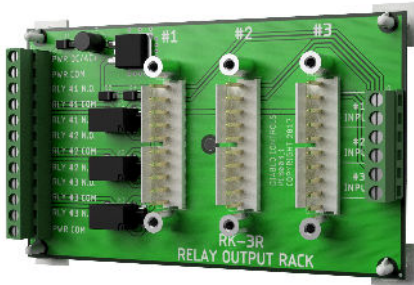# RK-3R
Detector Rack with Built-in Relays

Features

❖ Works with these Diablo Detectors: DSP-40, DSP-50, DSP-55, DSP-13, and AVI-40.

❖ Single relay SPDT (Form C) output per slot with a Common, Normally Open, and Normally Closed.

❖ Includes four self-adhesive mounts.

❖ Operates over a wide range of voltages, AC or DC.

Many vehicle detectors are designed to be plugged into a rack including some of the more popular Diablo Controls models. In those installations where a large rack is not available, Diablo Controls has designed a mini rack. The RK-3R is designed to accept up to three plug-in vehicle detectors on one side and accept the appropriate wires through the terminal block on the other. The entire mini rack is supported by four adhesive standoffs that attach anywhere in the cabinet.

This device is designed for detectors that have a solid-state output but need a single relay output.

Accepts Diablo Controls models DSP-13, AVI-40, DSP-40, DSP-50, and DSP-55.

SPECIFICATIONS

Operating Temperature:	-35°F to 165°F (-37°C to 74°C)
Operating Voltages:	10.5 volts to 30 volts AC or DC.
Output Ratings:	3 amps @ 125 volts
Physical Size:	5.00" (H) x 3.00" (W) x 0.736" (D)
	127.00 mm (H) x 76.20 mm (W) x 18.69 mm (D)

12-pin terminal block pin out

Pins	Function
1	AC Line or DC + (10V to 30V)
2	AC Neutral or DC COM
3	Output 1 Normally Open (Closes for detect)
4	Output 1 Common
5	Output 1 Normally Closed (Opens for detect)
6	Output 2 Normally Open (Closes for detect)
7	Output 2 Common
8	Output 2 Normally Closed (Opens for detect)
9	Output 3 Normally Open (Closes for detect)
10	Output 3 Common
11	Output 3 Normally Closed (Opens for detect)
12	Logic Common

6-pin terminal block pin out

Pins	Function
1	Loop 1
2	Loop 1
3	Loop 2
4	Loop 2
5	Loop 3
6	Loop 3

Visit our Website at www.diablocontrols.com for the most current information on all of our products. Specifications are subject to change.

Proudly Made in USA
Veteran Owned & Operated

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